

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/049,696DATE: 04/07/98
TIME: 14:03:01

INPUT SET: S24742.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

#3
8-5-98
Done

SEQUENCE LISTING

1
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3 (1) General Information
4
5 (i) APPLICANT: BILLING-MEDEL, PATRICIA A.
6 COHEN, MAURICE
7 COLPITTS, TRACEY L.
8 FRIEDMAN, PAULA N.
9 HAYDEN, MARK
10 KCLASS, MICHAEL R.
11 ROBERTS-RAPP, LISA
12 RUSSELL, JOHN C.
13 STROUPE, STEPHEN D.
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19
20 (ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
21 FOR DETECTING DISEASES OF THE GASTROINTESTINAL
22 TRACT
23
24 (iii) NUMBER OF SEQUENCES: 51
25
26 (iv) CORRESPONDENCE ADDRESS:
27 (A) ADDRESSEE: Abbott Laboratories
28 (B) STREET: 100 Abbott Park Road
29 (C) CITY: Abbott Park
30 (D) STATE: IL
31 (E) COUNTRY: USA
32 (F) ZIP: 60064-3500
33
34 (v) COMPUTER READABLE FORM:
35 (A) MEDIUM TYPE: Diskette
36 (B) COMPUTER: IBM Compatible
37 (C) OPERATING SYSTEM: DOS
38 (D) SOFTWARE: FastSEQ for Windows Version 2.0
39
40 (vi) CURRENT APPLICATION DATA:
41 (A) APPLICATION NUMBER:
42 (B) FILING DATE:
43 (C) CLASSIFICATION:
44
45 (vii) PRIOR APPLICATION DATA:
46 (A) APPLICATION NUMBER: 08/829,754

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RAW SEQUENCE LISTING
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(B) FILING DATE: 31-MAR-1997

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Becker, Cheryl L.
- (B) REGISTRATION NUMBER: 35,441
- (C) REFERENCE/DOCKET NUMBER: 6067.US.P1

(ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 847/935-1729
- (B) TELEFAX: 847/938-2623
- (C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 223 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GAAATCACAG	GGAGATGTAC	AGCAATGGGG	CCATTTAAGA	GTTCTGTGTT	CATCTTGATT	60
CTTCACCTTC	TAGAAGGGGC	CCTGAGTAAT	TCACTCATTC	AGCTGAACAA	CAATGGCTAT	120
GAAGGCATTG	TCGTTGCAAT	CGACCCCAAT	GTGCCAGAAG	ATGAAACACT	CATTCAACAA	180
ATAAAGGACA	TGGTGACCCA	GGCATCTCTG	TATCTGTTTG	AAG		223

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 273 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ix) FEATURE:

- (A) NAME/KEY: base_polymorphism
- (B) LOCATION: 158
- (D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

(ix) FEATURE:

- (A) NAME/KEY: base_polymorphism
- (B) LOCATION: 221
- (D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

(ix) FEATURE:

- (A) NAME/KEY: base_polymorphism

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100 (B) LOCATION: 231
101 (D) OTHER INFORMATION: /note= " N' represents an A or G or
102 T or C polymorphism at this position"
103
104 (ix) FEATURE:
105 (A) NAME/KEY: base_polymorphism
106 (B) LOCATION: 251
107 (D) OTHER INFORMATION: /note= " N' represents an A or G or
108 T or C polymorphism at this position"
109
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
111
112 GTTGCAATCG ACCCCAATGT GCCAGAAGAT GAAACACTCA TTCAACAAAT AAAGGACATG 60
113 GTGACCCAGG CATCTCTGTA TCTGTTTGAA GCTACAGGAA AGCGATTTTA TTTCAAAAAT 120
114 GTTGCCATTT TGATTCCTGA AACATGGAAG ACAAAGGNTG ACTATGTGAG ACCAAAACCTT 180
115 GAGACCTACA AAAATGCTGA TGTTCTGGTT GCTGAGTCTA NTCCTCCAGG NAATGATGAA 240
116 CCCTACACTG NGCAGATGGG CAACTGTGGC GAG 273
117
118 (2) INFORMATION FOR SEQ ID NO:3:
119
120 (i) SEQUENCE CHARACTERISTICS:
121 (A) LENGTH: 240 base pairs
122 (B) TYPE: nucleic acid
123 (C) STRANDEDNESS: single
124 (D) TOPOLOGY: linear
125
126
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
128
129 AAAATGCTGA TGTTCTGGTT GCTGAGTCTA CTCCTCCAGG TAATGATGAA CCCTACACTG 60
130 AGCAGATGGG CAACTGTGGA GAGAAGGGTG AAAGGATCCA CCTCACTCCT GATTTTCATTG 120
131 CAGGAAAAAA GTTAGCTGAA TATGGACCAC AAGGTAGGGC ATTTGTCCAT GAGTGGGCTC 180
132 ATCTACGATG GGGAGTATTT GACGAGTACA ATAATGATGA GAAATTCTAC TTATCCAATG 240
133
134 (2) INFORMATION FOR SEQ ID NO:4:
135
136 (i) SEQUENCE CHARACTERISTICS:
137 (A) LENGTH: 181 base pairs
138 (B) TYPE: nucleic acid
139 (C) STRANDEDNESS: single
140 (D) TOPOLOGY: linear
141
142
143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
144
145 CAAAAGATGC ACATTCAATA AAGTAACAGG ACTCTATGAA AAAGGATGTG AGTTTGTTCCT 60
146 CCAATCCCGC CAGACGGAGA AGGCTTCTAT AATGTTTGCA CAACATGTTG ATTCTATAGT 120
147 TGAATTCTGT ACAGAACAAA ACCACAACAA AGAAGCTCCA AACAAGCAAA ATCAAAAATG 180
148 C 181
149
150 (2) INFORMATION FOR SEQ ID NO:5:
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152 (i) SEQUENCE CHARACTERISTICS:

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153 (A) LENGTH: 220 base pairs
154 (B) TYPE: nucleic acid
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear
157
158

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

161	CTATAGTTGA	ATTCTGTACA	GAACAAAACC	ACAACAAAGA	AGCTCCAAAC	AAGCAAAATC	60
162	AAAAATGCAA	TCTCCGAAGC	ACATGGGAAG	TGATCCGTGA	TTCTGAGGAC	TTTAAGAAAA	120
163	CCACTCCTAT	GACAACACAG	CCACCAAATC	CCACCTTCTC	ATTGCTGCAG	ATTGGACAAA	180
164	GAATTGTGTG	TTTAGTCCTT	GACAAATCTG	GAAGCATGGC			220

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

168 (A) LENGTH: 252 base pairs
169 (B) TYPE: nucleic acid
170 (C) STRANDEDNESS: single
171 (D) TOPOLOGY: linear
172
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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

177	CAAAGAATTG	TGTGTTTAGT	CCTTGACAAA	TCTGGAAGCA	TGGCGACTGG	TAACCGCCTC	60
178	AATCGACTGA	ATCAAGCAGG	CCAGCTTTTC	CTGCTGCAGA	CAGTTGAGCT	GGGGTCCTGG	120
179	GTTGGGATGG	TGACATTTGA	CAGTGCTGCC	CATGTACAAA	GTGAACTCAT	ACAGATAAAC	180
180	AGTGGCAGTG	ACAGGGACAC	ACTCGCCAAA	AGATTACCTG	CAGCAGCTTC	AGGAGGGACG	240
181	TCCATCTGCA	GC					252

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

186 (A) LENGTH: 289 base pairs
187 (B) TYPE: nucleic acid
188 (C) STRANDEDNESS: single
189 (D) TOPOLOGY: linear
190

(ix) FEATURE:

191 (A) NAME/KEY: base_polymorphism
192 (B) LOCATION: 92
193 (D) OTHER INFORMATION: /note= " N' represents an A or G or
194 T or C polymorphism at this position"
195
196

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

199	GAAATATCCA	ACTGATGGAT	CTGAAATTGT	GCTGCTGACG	GATGGGGAAG	ACAACACTAT	60
200	AAGTGGGTGC	TTTAACGAGG	TCAAACAAAG	TNGTGCCATC	ATCCACACAG	TCGCTTTGGG	120
201	GCCCTCTGCA	GCTCAAGAAC	TAGAGGAGCT	GTCCAAAATG	ACAGGAGGTT	TACAGACATA	180
202	TGCTTCAGAT	CAAGTTCAGA	ACAATGGCCT	CATTGATGCT	TTTGGGGCCC	TTTCATCAGG	240
203	AAATGGAGCT	GTCTCTCAGC	GCTCCATCCA	GCTTGAGAGT	AAGGGATTA		289

(2) INFORMATION FOR SEQ ID NO:8:

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207

(i) SEQUENCE CHARACTERISTICS:

208

(A) LENGTH: 253 base pairs

209

(B) TYPE: nucleic acid

210

(C) STRANDEDNESS: single

211

(D) TOPOLOGY: linear

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213

214

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

215

216

AACAAAGTGG TGCCATCATC CACACAGTCG CTTTGGGGCC CTCTGCAGCT CAAGAACTAG 60

217

AGGAGCTGTC CAAAATGACA GGAGGTTTAC AGACATATGC TTCAGATCAA GTTCAGAACA 120

218

ATGGCCTCAT TGATGCTTTT GGGGCCCTTT CATCAGGAAA TGGAGCTGTC TCTCAGCGCT 180

219

CCATCCAGCT TGAGAGTAAG GGATTAACCC TCCAGAACAG CCAGTGGATG AATGGCACAG 240

220

TGATCGTGGA CAG 253

221

222

(2) INFORMATION FOR SEQ ID NO:9:

223

224

(i) SEQUENCE CHARACTERISTICS:

225

(A) LENGTH: 218 base pairs

226

(B) TYPE: nucleic acid

227

(C) STRANDEDNESS: single

228

(D) TOPOLOGY: linear

229

230

231

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

232

233

GAACAATGGC CTCATTGATG CTTTTGGGGC CCTTTCATCA GGAAATGGAG CTGTCTCTCA 60

234

GCGCTCCATC CAGCTTGAGA GTAAGGGATT AACCCCTCCAG AACAGCCAGT GGATGAATGG 120

235

CACAGTGATC GTGGACAGCA CCGTGGGAAA GGACACTTTG TTTCTTATCA CCTGGACAAC 180

236

GCAGCCTCCC CAAATCCTTC TCTGGGATCC CAGTGGAC 218

237

238

(2) INFORMATION FOR SEQ ID NO:10:

239

240

(i) SEQUENCE CHARACTERISTICS:

241

(A) LENGTH: 229 base pairs

242

(B) TYPE: nucleic acid

243

(C) STRANDEDNESS: single

244

(D) TOPOLOGY: linear

245

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247

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

248

249

GGCACAGTGA TCGTGGACAG CACCGTGGGA AAGGACACTT TGTTTCTTAT CACCTGGACA 60

250

ACGCAGCCTC CCCAAATCCT TCTCTGGGAT CCCAGTGGAC AGAAGCAAGG TGGCTTTGTA 120

251

GTGGACAAAA ACACCAAAAT GGCCTACCTC CAAATCCCAG GCATTGCTAA GGTGGGCACT 180

252

TGGAATACA GTCTGCAAGC AAGCTCACA ACCTTGACCC TGA CTGTCA 229

253

254

(2) INFORMATION FOR SEQ ID NO:11:

255

256

(i) SEQUENCE CHARACTERISTICS:

257

(A) LENGTH: 191 base pairs

258

(B) TYPE: nucleic acid

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SEQUENCE VERIFICATION REPORT
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DATE: 04/07/98
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Original Text